

15

- For more records, click the Records link at page end.
- To change the format of selected records, select format and click Display Selected.
- To print/save clean copies of selected records from browser click Print/Save Selected.
- To have records sent as hardcopy or via email, click Send Results.

☒ Select All
☒ Clear Selections

Print/Save Selected

Send Results

Display Selected

Format

Free

1. ☐ 6/5/1 DIALOG(R)File 352:Derwent WPI (c) 2006 The Thomson Corporation. All rts. reserv.

0007893352

WPI Acc no: 1996-116963/199612

Related WPI Acc No: 1997-402201

XRAM Acc no: C1996-037066

Novel antiinflammatory substd. imidazole cpds. – useful for treating e.g. arthritis, pain, fever

Patent Assignee: SEARLE & CO G D (SEAR)

Inventor: COLLINS P W; HUFF R M; KHANNA I K; KOSZYK F J; PARTIS R A; WEIER R M;

Patent Family (9 patents, 64 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996003388	A1	19960208	WO 1995US9506	A	19950727	199612	B
AU 199532025	A	19960222	AU 199532025	A	19950727	199621	E
US 5616601	A	19970401	US 1994282395	A	19940728	199719	E
			US 1995464154	A	19950605		
EP 772600	A1	19970514	EP 1995928164	A	19950727	199724	E
			WO 1995US9506	A	19950727		
JP 10503211	W	19980324	WO 1995US9506	A	19950727	199822	E
			JP 1996505972	A	19950727		
EP 772600	B1	20020918	EP 1995928164	A	19950727	200269	E
			WO 1995US9506	A	19950727		
DE 69528273	E	20021024	DE 69528273	A	19950727	200278	E
			EP 1995928164	A	19950727		
			WO 1995US9506	A	19950727		
US 20030036557	A1	20030220	US 1994282395	A	19940728	200316	E
			US 1995464154	A	19950605		
			WO 1995US9506	A	19950727		
			WO 1997US300	A	19970124		
			US 1999101493	A	19990602		
			US 20014944	A	20011205		
ES 2183883	T3	20030401	EP 1995928164	A	19950727	200328	E

Priority Applications (no., kind, date): US 20014944 A 20011205; US 1999101493 A 19990602
 1994282395 A 19940728; US 1995464154 A 19950605

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 1996003388	A1	EN	248	0	

National Designated States,Original	AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN									
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG									
AU 199532025	A	EN			Based on OPI patent	WO 1996003388				
US 5616601	A	EN	67	0	C-I-P of application	US 1994282395				
EP 772600	A1	EN		0	PCT Application	WO 1995US9506				
					Based on OPI patent	WO 1996003388				
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE									
JP 10503211	W	JA	274	0	PCT Application	WO 1995US9506				
					Based on OPI patent	WO 1996003388				
EP 772600	B1	EN			PCT Application	WO 1995US9506				
					Based on OPI patent	WO 1996003388				
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE									
DE 69528273	E	DE			Application	EP 1995928164				
					PCT Application	WO 1995US9506				
					Based on OPI patent	EP 772600				
					Based on OPI patent	WO 1996003388				
US 20030036557	A1	EN			C-I-P of application	US 1994282395				
					C-I-P of application	US 1995464154				
					Continuation of application	WO 1995US9506				
					Continuation of application	WO 1997US300				
					Continuation of application	US 1999101493				
					C-I-P of patent	US 5616601				
ES 2183883	T3	ES			Application	EP 1995928164				
					Based on OPI patent	EP 772600				

Alerting Abstract WO A1

Substd. imidazolyl cpds. of formula (I) and their salts are new. R1, R2 = aryl, cycloalkyl, cycloalkenyl, or heterocyclyl (all opt. substd. by alkylsulphonyl, aminosulphonyl, haloalkylsulphonyl, halo, alkylthio, alkyl, cyano, carboxyl, alkoxycarbonyl, haloalkyl, OH, alkoxy, hydroxyalkyl, alkoxyalkyl, haloalkoxy, NH2, alkylamino, arylamino and/or NO2); R3 = H, alkyl, haloalkyl, aralkyl, heterocycloalkyl, acyl, cyano, alkoxy, alkylthio, alkylthioalkyl, alkylsulphonyl, cycloalkylthio, cycloalkylthioalkyl, cycloalkylsulphonyl, cycloalkylsulphonylalkyl, cycloalkyloxy, cycloalkyloxyalkyl, haloalkylsulphonyl, arylsulphonyl, halo, hydroxyalkyl, alkoxyalkyl, alkylcarbonyl, arylcarbonyl, aralkylcarbonyl, heterocycloalkylcarbonyl, cyanoalkyl, azidoalkyl, aminoalkyl, alkylaminoalkyl, N-arylaminomethyl, N-alkyl-N-arylaminomethyl, carboxyalkyl, alkoxycarbonylalkyl, alkoxycarbonyl, haloalkylcarbonyl, carboxyl, aminocarbonyl, alkylaminocarbonyl, alkylaminocarbonylalkyl, heteroarylalkoxyalkyl, heteroaryloxyalkyl, heteroarylthioalkyl, aralkoxy, aralkylthio, heteroaralkoxy, heteroaralkylthio, heteroarylalkylthioalkyl, heteroaryloxy, heteroarylthio,

arylthioalkyl, aryloxyalkyl, arylthio, aryloxy, aralkylthioalkyl, aralkoxyalkyl, aryl or heterocycle that at least one of R1 and R2 = aryl substd. by alkylsulphonyl, haloalkylsulphonyl or amino; USE - (I) are useful for the treatment of inflammation and inflammation-associated disorders as an antipyretic for the treatment of fever. (I) are useful for treating rheumatoid arthritis, the treatment of asthma, psoriasis, inflammatory bowel disease, Hodgkin's disease, type I c retinitis.

Title Terms /Index Terms/Additional Words: NOVEL; ANTIINFLAMMATORY; SUBSTITUTE ASTHMA

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
C07D-233/30			Main		"Version 7"
A61K-031/415; A61K-031/44; A61K-031/47; C07D-233/64; C07D-233/90; C07D-401/04; C07D-401/12; C07D-405/04; C07D-409/04			Secondary		"Version 7"
C07D-0233/32	A	I		R	20060101
C07D-0233/54	A	I		R	20060101
C07D-0233/90	A	I		R	20060101
C07D-0401/04	A	I		R	20060101
C07D-0403/04	A	I		R	20060101
C07D-0405/04	A	I		R	20060101
C07D-0409/04	A	I		R	20060101
C07D-0419/04	A	I		R	20060101
C07D-0233/00	C	I		R	20060101
C07D-0401/00	C	I		R	20060101
C07D-0403/00	C	I		R	20060101
C07D-0405/00	C	I		R	20060101
C07D-0409/00	C	I		R	20060101
C07D-0419/00	C	I		R	20060101

US Classification, Issued: 514397000, 514399000, 548311100, 548335500, 548341100, 5141 514397000, 514398000, 514400000, 544139000, 546184000, 546334000, 548311400, 548311

File Segment: CPI

DWPI Class: B03

Manual Codes (CPI/A-N): B06-H; B07-D09; B14-C01; B14-C03; B14-C04; B14-C09B; B14

Derwent WPI (Dialog® File 352): (c) 2006 The Thomson

<input checked="" type="checkbox"/> Select All	<input type="checkbox"/> Display Selected	Format
<input checked="" type="checkbox"/> Clear Selections	<input type="checkbox"/> Print/Save Selected	Free
<input type="checkbox"/> Send Results		

© 2006 Dialog, a Thomson business

(21)

PCT

WORLD INTELLECTUAL
Intemat

WO 9603388A1

INTERNATIONAL APPLICATION PUBLISHED UNDER

(51) International Patent Classification 6 :

C07D 233/54, A61K 31/415, C07D
233/32, 233/90, 401/04, 403/04, 405/04,
409/04, 417/04

A1

(11) International Publication Number:

WO 96/03388

(43) International Publication Date:

8 February 1996 (08.02.96)

(21) International Application Number: PCT/US95/09506

(22) International Filing Date: 27 July 1995 (27.07.95)

(30) Priority Data:

08/282,395	28 July 1994 (28.07.94)	US
08/464,154	5 June 1995 (05.06.95)	US

(60) Parent Applications or Grants

(63) Related by Continuation

US	08/282,395 (CIP)
Filed on	28 July 1994 (28.07.94)
US	08/464,154 (CIP)
Filed on	5 June 1995 (05.06.95)

(71) Applicant (for all designated States except US): G.D. SEARLE & CO. [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KHANNA, Ish, K. [IN/US]; 149 Brandywine Court, Vernon Hills, IL 60061 (US). WEIER, Richard, M. [US/US]; 240 Hickory Court, Lake Bluff, IL 60044 (US). COLLINS, Paul, W. [US/US];

1557 Hawthorne Place, Deerfield, IL 60015 (US). YU, Yi [CN/US]; 9065 Gross Point Road, GW, Skokie, IL 60077 (US). XU, Xiangdong [CN/US]; Apartment 309, 855 Hinman Avenue, Evanston, IL 60202 (US). HUFF, Renee, M. [US/US]; 837 North Lincoln, Park Ridge, IL 60068 (US). PARTIS, Richard, A. [US/US]; 2221 Noyes Street, Evanston, IL 60201 (US). KOSZYK, Francis, J. [US/US]; 11 Wildwood Drive South, Prospect Heights, IL 60070 (US).

(74) Agents: BULOCK, Joseph, W. et al.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (US).

(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).

Published

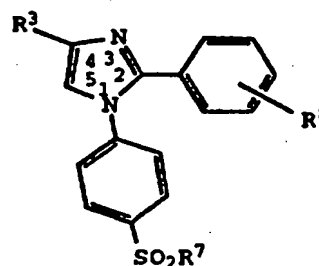
With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: 1,2-SUBSTITUTED IMIDAZOLYL COMPOUNDS FOR THE TREATMENT OF INFLAMMATION

(57) Abstract

A class of imidazolyl compounds is described for use in treating inflammation. Compounds of particular interest are defined by formula (II), wherein R^3 is a radical selected from hydrido, alkyl, haloalkyl, aralkyl, heterocycloalkyl, acyl, cyano, alkoxy, alkylthio, alkylthioalkyl, alkylsulfonyl, cycloalkyloxy, cycloalkyloxyalkyle, cycloalkylthio, cycloalkylthioalkyl, cycloalkylsulfonyl, cyanoalkyl, cycloalkylsulfonylalkyl, haloalkylsulfonyl, azidoalkyl, arylsulfonyl, halo, hydroxyalkyl, alkoxyalkyl, arylthio, alkylcarbonyl, arylcarbonyl, aralkylcarbonyl, aryloxy, heterocycloalkylcarbonyl, alkylaminoalkyl, N-arylaminomethyl, N-alkyl-N-arylaminomethyl, carboxyalkyl, alkoxy-carbonylalkyl, alkoxy-carbonyl, haloalkylcarbonyl, aminocarbonyl, alkylaminocarbonylalkyl, aralkylthio, heteroarylalkoxyalkyl, heteroarylalkoxyalkyl, aralkoxy, heteroarylthioalkyl, heteroarylalkoxy, heteroarylalkylthioalkyl, heteroarylthio, arylthioalkyl, aralkylthioalkyl, aralkoxyalkyl, aryl and heteroaryl, wherein the aryl and heteroaryl radicals are optionally substituted at a substitutable position with one or more radicals selected from halo, alkylthio, alkylsulfonyl, alkyl, cyano, haloalkyl, hydroxyl, alkoxy, hydroxyalkyl and haloalkoxy; wherein R^7 is a radical selected from alkyl and amino; and wherein R^8 is one or more radicals selected from hydrido, halo, alkyl, haloalkyl, alkoxy, amino, haloalkoxy, cyano, carboxyl, hydroxyl, hydroxyalkyl, alkoxyalkyl, alkylamino, nitro and alkylthio.



(II)